Docket No.: 4633-0140PUS1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of: Katsumi SAKITANI et al.

Patent No.: 7,434,414 B2

Issued: October 14, 2008

For: REFRIGERATION APPARATUS

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 CFR 1.323

Attention: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Madam:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

On the face of the Patent:

On the face of the Patent, Item (56) References Cited, Japanese References JP-3-172587-A and JP-3-137457-A filed with the Information Disclosure Statement filed on September 8, 2006, and considered by the Examiner have been entirely omitted from the printed patent. Please include these references.

Also on the face of the Patent, Item (56) References Cited, Japanese Reference "JP-2000-32916-A" should read --JP-2000-329416-A--.

The errors were found in the application as filed by applicant. Please charge our Deposit Account No. 02-2448 in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a).

Patent No.: 7,434,414 B2 Docket No.: 4633-0140PUS1

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: December 12, 2008

Respectfully submitted,

By Charleson

By Richard Anderson

Registration No.: 40,439

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road

Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page _1_ of _1_

PATENT NO.

7,434,414 B2

APPLICATION NO. :

10/541,590

ISSUE DATE

October 14, 2008

INVENTOR(S)

Katsumi SAKITANI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Face of the Patent, Item (56) References cited:

The following two references should be included on the face of the printed patent:

JP-3-172587-A and JP-3-137457-A

On the Face of the Patent, Item (56) References cited:

The reference reading "JP-2000-32916-A" should read --JP-2000-329416-A--.

MAILING ADDRESS OF SENDER (Please do not use customer number below): D. Richard Anderson BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Road Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747



PTC/SB/08a/b (07-06)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known		
				Application Number	10/541,590-Conf. #7820	
				Filing Date	July 7, 2005	
				First Named Inventor	Katsumi SAKITANI	
				Art Unit	3744	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	4633-0140PUS1	

U.S. PATENT DOCUMENTS									
Examiner Initials*				Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	AA 6,484,519 11-26-2002 Hesse et al.								

FOREIGN PATENT DOCUMENTS								
5	Cite No.1	Foreign Patent Occument	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
Examiner Initials*		Country Code ³ -Number ⁴ -Kind Code ⁹ (# known)				ا ۳۶		
7	BA	JP-3-172587-A /	07-25-1991					
7.25×	BB	JP-3-137457-A	06-12-1991					
	BC.	JP-2003-279179	10-02-2003			$oldsymbol{ol}}}}}}}}}}}}}}}}}$		

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te o.1	te include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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Date Examiner Considered Signature **DRA/mag**

Gopied from 10451590 on

Birch, Stewart, Kolasch & Birch, LLP

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

PYO/SB/08A/B (09-06)

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5, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

Complete if Known 10/541,590 Application Number INFORMATION DISCLOSURE July 7, 2005 Filing Date Katsumi SAKITANI STATEMENT BY APPLICANT First Named Inventor 3744 Art Und (Use as many sheets as necessary) Not Yet Assigned Examiner Name 1 Attorney Docket Number 4633-0140PUS1 of Sheet 1

U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear							

FOREIGN PATENT DOCUMENTS						
	C"-	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	١.
Examiner Initials*	Cite No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appoar	Ľ
m	BA	JP-2000-32916-A	11-30-2000			

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	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
_	IIIB I	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city

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		<i>/ / </i>		
Examiner Signature	/M_/		Date Considered	1/3/08
				DRA/srm

Birch, Stewart, Kolasch & Birch, LLP

^{&#}x27;Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

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(33)優先権主張国

日本 (JP)

(71)出題人 000004260

株式会社デンソー

愛知県刈谷市昭和町1丁目1番地

(71)出願人 000004695

株式会社日本自動車部品総合研究所

愛知県西尾市下羽角町岩谷14番地

(72)発明者 山中 康司

爱知県刈谷市昭和町1丁目1番地 株式会

社デンソー内

(74)代理人 100100022

弁理士 伊藤 洋二 (外2名)

最終頁に続く

(54) 【発明の名称】 冷凍サイクル

(57)【要約】

【課題】 蒸発器内の圧力が上昇したときであっても、 冷凍能力が大きく低下してしまうことを防止する。

【解決手段】 膨張機130にて膨張する主流冷媒の膨 張エネルギを機械エネルギに変換し(膨張仕事をさせ) ながら主流冷媒を減圧するとともに、その変換された機 械エネルギにより第2圧縮機140を稼働させる。これ により、熱交換器123を流出した主流冷媒は、等エン トロピ変化をしながらそのエンタルピを低下させていく ので、蒸発器150内の圧力が上昇したときであって も、冷凍能力が大きく低下してしまうことを防止でき る。

